TEST REPORT OF AGGEGRATE IMPACT VALUE

IS: 2386 Part IV

Lab ID	:	**CP-RW-2017-10-23-01**	**Date: 25-10-17**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub division, BBMP,	
Address	:	Yelahanka Satellite Town Sub division, BBMP, Bangalore.	
Project Name	:	Drilling of boreholes and providing pipelines of drinking water line of Yelahanka New town Ward no.04	
Agency	:	Technical Manager (West), KRIDL, Bangalore.	
Customer Reference	:	BBMP/EE(YNK.D)/WO/000013/2017-18	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	23-10-17	
Sample ID No	:	2017-10-23-01/01	
Type of Mix	:	Coarse Aggregate for WMM (Wet Mix Macadam)	
Date of test	:	23-10-17	

Sl.No	Particulars of observations	Index	TEST 1	TEST 2
1	Total weight of the surface dry sample sample (passing 12.5 mm and retained on 10mm sieve)	A	291.4	291.8
2	Weight of fraction passing 2.36mm sieve After giving 15 blows	B	71.9	73.1
3	weight of fraction retained 2.36mm sieve After giving 15 blows	C	219.0	218.1
4	Total weight of (B+C) is less than the initial weight (Weight A) by more than one gram the result shall be discarded and a fresh test made.	A-(B+C)	0.5	0.6
5	Aggregate impact value	(B/A)*100	24.7	25.1
6	Aggregate impact value (Mean of two tests)	Pecentage	24.9	

Note:-

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

CIVIL Pro Sig Date BANGALORE

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DETERMINATION OF FLAKINESS INDEX AND ELONGATION INDEX OF COARSE AGGREGATE(IS 2386 (Part 1) 1963 (RA 2007)

Date: 25-10-17

Lab ID	:	**CP-RW-2017-10-23-01**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub division, BBMP, Bangalore.
Project Name	:	Drilling of borecholes and providing pipelines of drinking water line of Yelahanka New town Ward no.04
Agency	:	Technical Manager (West), KRIDL, Bangalore.
Customer Reference	:	BBMP/EE(YNK.D)/WO/000013/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	23-10-17
Sample ID No	:	2017-10-23-01/01
Type of Mix	:	Coarse Aggregate for WMM (Wet Mix Macadam)
Date of test	:	23-10-17

Result:

Index	Percentage of Flakiness and Elongation Index	Secified limits as per MORTH specification table 400-12
Flakiness Index	10.9%	Combined Flakiness & Elongation Index for WMM is Maximum 35%
Elongation Index	12.2%	
Combined Flakiness and Elongation Index for WMM	23.1%	

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST RESULTS OF GRADATION FOR WMM

Lab ID	:	**CP-RW-2017-10-23-01**	**Date: 25-10-17**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub division, BBMP, Bangalore.	
Address	:	Yelahanka Satellite Town Sub division, BBMP, Bangalore.	
Project Name	:	Drilling of boreholes and providing pipelines of drinking water line of Yelahanka New town Ward no.04	
Agency	:	Technical Manager (West), KRIDL, Bangalore.	
Customer Reference	:	BBMP/EE(YNK.D)/WO/000013/2017-18	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	23-10-17	
Sample ID No	:	2017-10-23-01/01	
Type of Mix	:	WMM (Wet Mix Macadam)	
Date of test	:	23-10-17	
Oven Dry Weight	:	11000	Grams

IS Sieve Size(mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Spec.I.Vide Table 400.13 MORTH Specification
53	0	0	0.0	100.0	100
45	299	299	2.7	97.3	95-100
22.4	2147	2446	22.2	77.8	60-80
11.2	2711	5157	46.9	53.1	40-60
4.75	2517	7674	69.8	30.2	25-40
2.36	1278	8952	81.4	18.6	15-30
0.6	598	9550	86.8	13.2	8-22
0.075	1055	10605	96.4	3.6	0-5

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